

10-
11 - 3P-218627
12 - VACUUM PROCESSOR CAPABLE OF PLURAL PROCESSING
13 - (2000510) HITACHI LTD
14 - YZUNO, JINICHI
15 - BY.08.31 J01218627, JP 01-218627
16 - 88.02.29 88JP-044396, 63-44396
17 - BY.11.28 SECT. C, SECTION NO. 659; VOL. 13, NO. 532, PG. 137.
18 - 801J-003/02
19 - 42.1 (INORGANIC CHEMISTRY--Processing Operations); 42.2
(ELECTRONICS--Solid State Components)
20 - PURPOSE: To aim at a plurality of efficient evacuating processes
in the same vacuum container, by subjecting an article to be
evacuated to different processes by being moved in the same
vacuum container and preventing evacuating spaces from being
contaminated by one another with the use of separating plates
between the evacuating spaces in combination with movable
shielding plates.
21 - CONSTITUTION: There are provided an article 1 to be evacuated, a
holder 2 thereof, a cover 3 for enclosing the region of the
article other than the holder attached surface and a plurality of
evacuating spaces A-D between the cover and the wall of a vacuum
container 6. The article 1 is moved continuously through a
plurality of the evacuating spaces by the rotation of the
holder 2 and the cover 3. Also provided are a pair of separating
plates 7 and 8 oppositely positioned with a small space between
each evacuating space and near the opening of the cover 3 movable
shielding plate 10 which is moved in such position as to avoid
interference with the separating plates upon movement of the
article to the adjoining space and, after its movement, in such
position as to shield the separating plates alternately. As a
result, a plurality of efficient evacuating processes can be
effected in the same vacuum container.

BB 2 /C?
USER:
FILE JAPIO

PROG1
YOU ARE ALREADY CONNECTED TO THE JAPIO DATABASE.

BB 2 /C?
USER:
FILE WPAT

PROG1
ELAPSED TIME ON JAPIO: 0.02 HRS.
YOU ARE NOW CONNECTED TO THE DERWENT WPAT DATABASE.
COVERS 1963 THRU WEEKLY UPDATE 9309/UP, 9309/UPEQ, 9251/UPA, 9224/UPB;
WPI 9304/UPEQ.

BB 1 /C?
USER:
162454544/PN

PROG1
10-1 PBTG (1)

BB 2 /C?
USER:

100%

- 75-G0129W/23 (G0129W)
- Coating application system under vacuum - has item mountings
forming working chamber sealed from main one
- PVB P42
- (BALV) BALZERS VAKUUM GMBH; (BALZ) BALZERS PATENT AG
- 8
- NL7400848-A 75.05.26 (7523)
- DE2454544-A 75.07.31 (7532)
- FR2232419-A 75.07.25 (7537)
- DE8915117-A 75.10.28 (7545) 118/719, 730, 733 10D34
- DE-573985-A 76.03.31 (7619)
- DE1464790-A 77.03.09 (7710)
- DE2454544-B 78.07.13 (7829)
- NL-145224-B 80.10.15 (8045)
- 6
- 78.11.22 73CH-016602
- 235C-013/00 B44D-003/22 C23C-013/08
- (NL7400848)
The mechanism has a number of working stations, partly acting as
sluices through which the items are received and discharged, and
partly as processing stations for the items under vacuum, also a
rotary transporter for the items working in a main chamber which
can be placed under vacuum. At one or more working stations the
mountings for the items form a frame-type wall of a working
chamber which can be sealed off from the main one. The chamber
has a valve plate, permanently providing a vacuum-tight seal from
the main one. The upper and lower edges of the wall can have
sealing surfaces pressed against mating surfaces on the valve
plate and the stationary part of the processing chamber. The
mountings for the items can slide axially in relation to the
transporter.

BB Z /C?

USER:
STOP Y

FROG:

TERMINAL SESSION FINISHED 04/23/93 8:05 A.M. (CENTRAL TIME)
ELAPSED TIME ON WFAT: 0.02 HRS.
ELAPSED TIME THIS TERMINAL SESSION: 0.05 HOURS.
ORBIT SEARCH SESSION COMPLETED. THANKS FOR USING ORBIT!

TVMNET: call cleared by request